

Attorney Docket No.: RU-0130  
Inventors: Yurkow and Mermelstein  
Serial No.: 09/913,435  
Filing Date: February 2, 2002  
Page 4

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): A method of maintaining cells in a ~~selected specific~~ redox state comprising contacting cells with a chemotherapeutic agent and a redox clamping agent ~~and maintaining comprising a thiol(sulfhydryl)-containing molecule so that the cells are maintained in a selected the specific~~ redox state ~~so that said cells and~~ are sensitized to the effects of said chemotherapeutic agent.

Claims 2-4 (canceled).

Claim 5 (currently amended): A method of stabilizing the redox state of cells with abnormal fluctuations in their redox state comprising contacting said cells with a redox clamping agent ~~comprising a thiol(sulfhydryl)-containing molecule and maintaining the cells in a selected specific~~ redox state so that abnormal fluctuations associated with abnormal cell growth or proliferation are stabilized.